

PANEL TITLE:

Your Always-On Connection & the Telecommuter

PANEL CHAIR:

Peter Dinsmore, NAI Labs, Network Associates

PANELISTS:

Michael StJohns, [Excite@Home](#)

TBD

SESSION ABSTRACT:

Always-on Internet access to the home provided by emerging broadband technologies such as cable modems and DSL is changing the way we live and work. Reasonable bandwidth connections coupled with instant and constant access is integrating the Internet into our lives. It changes the way we get information, communicate, shop, entertain ourselves, and even how we work. Our work lives and our personal lives are merging as high-speed access puts corporate resources right at our doorsteps. Work models such as the virtual office or the home telecommuter are more common.

This panel will explore the security implications of not only this new technology, but also of the changing work models. What are the risks to a home user? To a telecommuter? What are the risks to corporations that set up virtual offices over the Internet? This panel will also explore the solutions that are available. Do I need a personal firewall? What will a VPN provide? Finally, the panel will explore what the future might hold. What are the new threats on the horizon and what are the new solutions?

AUDIENCE:

This panel is intended for any and all Internet users. Whether you have a home broadband connection today or not, this panel is for you. It is especially timely for people who currently have a home always-on connection; people who are contemplating installing one; and network or security administrators charged with integrating telecommuters into their network infrastructure.

BIOGRAPHIES:

Peter T. Dinsmore is a Principal Cryptographic Engineer and Manager of the Cryptographic Technologies Group, and has twenty years of software and security experience. He has a background in operating system design and development, secure operating system design and development, firewall development, and cryptographic analysis, design and development. Mr. Dinsmore was previously a Principal Consultant and Consulting Manager for Network Associates, where he performed security analysis for cryptographic-based commercial systems. Previous work at Trusted Information Systems included work on Trusted Mach (TMach), a B3-targeted trusted operating system; managing the design and development of RecoverKey, a cryptographic key escrow system; and managing

the development and test of the Gauntlet Internet Firewall. He was the project leader for the Dynamic Cryptographic Context Management Project, where he participated in the design and development of a solution for secure group communications and actively participates in the Secure Multicast Group sponsored by the Internet Research Task Force. He is currently applying the principles of group communications learned from that project to a satellite positioning system for a government customer. Prior to joining NAI Labs, Mr. Dinsmore worked at Bell Laboratories for 14 years, managing development groups performing UNIX System V development for the Intel386 microprocessor and performing testing and application development for System V/MLS, a B1 evaluated operating system. Mr. Dinsmore holds a B.S. degree from Lehigh University and an M.S. degree in Computer Engineering from Carnegie-Mellon University.